

# Weekly Metrics for March 14 - 20, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC GES DAAC	0.9 0.9	1x Baseline 1x Baseline	0.9 0.9	A A
ICESat (1/03)	GLAS	L0 Ingest L1 Prod L2-3 Prod Archive Distribution <i>End Users</i>	NSIDC NSIDC NSIDC NSIDC NSIDC	41 115 43 199 166	1x Baseline 1x Baseline 1x Baseline  Various	36 69 4 114 4	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest L1 Prod L2 - 3 Prod Archive Distribution <i>Production</i> <i>End users</i> <i>Data Pool</i>	GES DAAC GES DAAC GES DAAC GES DAAC GES DAAC	98 807 107 1,012 471	1x Baseline Various 2.03x Baseline Various Various	92 949 203 1,245 244 191 365	G U
		L0 Ingest L1 Ingest L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC GHRC NSIDC NSIDC	10 9 38 67 35	1x Baseline Various 2.03x Baseline Baseline 1.015x Baseline	6 8 24 38 7 374 38	
		Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	169 1,421 109	Various IT Requirements 1.015x Baseline	Included In Terra CERES	
		L0 Ingest L1 Prod L2-L4 Prod Archive  Distribution <i>Testing/QA</i> <i>End User</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>End User</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC  GES DAAC  NSIDC	518 5,047 6,395 3,516 8,015 426 23 2,345 362 4,157 284	1x Baseline Various 2.03x Baseline Various Various Various IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	505 11,274 11,910 10,256 13,088 344 0 167 0.3 1,794 12,655 432 651 < 0.1 0	
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	169 1,421 109	Various IT Requirements 1.015x Baseline	Included In Terra CERES	See Footnote T
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive  Distribution <i>Testing/QA</i> <i>End User</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>End User</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC  GES DAAC  NSIDC	518 5,047 6,395 3,516 8,015 426 23 2,345 362 4,157 284	1x Baseline Various 2.03x Baseline Various Various Various IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	505 11,274 11,910 10,256 13,088 344 0 167 0.3 1,794 12,655 432 651 < 0.1 0	H, W H H, W H  G  G U G U
	METEOR 3M (12/01)	Archive Distribution <i>Production</i> <i>End Users</i>	ASDC ASDC	0.9  0.02	Various  1.015x Baseline	3 3 0.1	
	ACRIMSAT (12/99)	Archive	ASDC	1	1x Baseline	0	D

Terra (12/99)	ASTER	L1A Ingest L1B Ingest L1B Archive L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC	680 271 271 1,221 2,173	1x Baseline 1.015x Baseline 1.015x Baseline 3.045x Baseline Various	179 47 62 391 637	
				1,221	1.015x Baseline	186 280 0.1	G, N
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline	No Info Is Available	T T T T
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	256 4,623 381 5,261 685 2,300 1,600 2	F F F G, N U
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive  Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC  GES DAAC  NSIDC	518 7,570 12,789 7,034 12,990 853 23 2,345 362 4,157 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	511 2,279 1,827 1,369 3,177 75 4 4,352 5 394 2,159 1,182 178 15 0	M H, M, P, W H, M, P H, M, P, W H, M, P G, N U G, N U G, N U
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 0 0 2 2 2 1	I I I G, N U
Landsat-7 (4/99)	ETM+	Archive Distribution	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	793 41	Q
ADEOS-II (12/02)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC			0 0.2	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	2 15	J
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	105 307	J
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0 18	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	9 85	K
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Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet. Level 0 volume includes current and past data.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process.
- C. Production of L2 and L3 products resumed on September 3, 2003.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Includes reprocessed data.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
- I. Did not receive any L1 or L2 products from MOPITT SIPS.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- M. Very little reprocessing of MODIS products was done.
- N. Does not include distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. Landsat-7 scan line corrector (SLC) failed on May 31, 2003 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22, 2003.
- R. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- S. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- T. No information is available.
- U. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- V. GLAS Laser remains off since November 19, 2003.
- W. Does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).

*\* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 <sup>st</sup> year after launch	2 <sup>nd</sup> year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.